

City of Fort Worth
 2013 Transportation Impact Fee Study
 Conceptual Level Project Cost Projection

Name: Lake Country Dr. (2)
 Limits: Eagle Ranch Blvd. to Robertson Road
 Impact Fee Class: M4U
 Ultimate Class: Minor Arterial
 Length: 1,438
 Service Area: E

Roadway Construction Cost Projection

No.	Item Description	Unit	Quantity	Unit Price	Item Cost
106	Unclassified Street Excavation	CY	4785	\$ 10.50	\$ 50,243
206	6" Lime Stabilization (with Lime @32#/sy)	TON	9405	\$ 3.00	\$ 28,215
306	9" Concrete Pavement	SY	9075	\$ 36.00	\$ 326,700
406	6" Curb & Gutter	SY	2970	\$ 6.50	\$ 19,305
506	4" Topsoil	SF	2475	\$ 5.00	\$ 12,375
606	4" Concrete Sidewalk	EA	11880	\$ 5.00	\$ 59,400
701	Turn Lanes and Median Openings	EA	0	\$ -	\$ -
Construction Subtotal:					\$ 496,238

MAJOR CONSTRUCTION COMPONENT ALLOWANCES

No.	Item Description	Allowance	Item Cost
	Prep ROW	3%	\$ 14,887
	Traffic Control	3%	\$ 14,887
	Pavement Markings/Markers	2%	\$ 10,653
	Roadway Drainage	30%	\$ 148,871
	Illumination	11%	\$ 55,880
	Water	6%	\$ 29,774
	Sewer	4%	\$ 19,850
	Establish Turf/Erosion Control	3%	\$ 14,887
	Basic Landscaping	3%	\$ 14,887
Allowance Subtotal:			\$ 324,577

Paving & Allowance Subtotal: \$ 820,814
 Construction Contingency: 15% \$ 123,122
Construction Cost Total: \$ 943,936

LAKE COUNTRY PROJECT COST SUMMARY

No.	Item Description	Allowance	Item Cost
	Construction:		\$ 943,936
	Engineering/Survey/Testing:	20%	\$ 188,787
	Mobilization	5%	\$ 47,197
	Previous City Contribution	0%	\$ -
	Other	0%	\$ -
	ROW/Easement Acquisition:	0%	\$ -

LAKE COUNTRY (ROBERTSON TO EAGLE RANCH) CONSTRUCTION TOTAL COST \$ 1,179,920

CITY'S PARTICIPATION PERCENTAGE: 40.02% **

CITY'S PARTICIPATION SHARE: \$ 472,214

**** Determination of City versus Private Share of Lake Country from Robertson to Eagle Ranch**

	Quantity	Unit	% of Total
Shared (50%/50%) Portion between City and BYD Talon	1,151	LF	80.04%
Private Portion - BYD Talon (100%)	287	LF	19.96%
Lake Country Drive from Robertson Road to Eagle Ranch - Full Section	1,438	LF	100.00%

Prorata Share of Full Section of Lake Country from Robertson To Eagle Ranch

City is 50% of Shared Section

50% of 80.04% 40.02% **
City Subtotal % of Full Section: 40.02%